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(54) **Discharge lamp**

(57) A discharge lamp comprising an arc tube containing a pair of electrodes in a light-emitting portion and an outer tube that envelops the light-emitting portion and is at least partly fused to the arc tube, wherein the outer tube comprises silicon dioxide in the range from 90 to 99.88 wt. % and boron in the range from 0.12 wt. % or more. The discharge lamp can inhibit the arc tube from deforming when the outer tube and arc tube are fused to each other by adjusting a softening temperature of the outer tube to an appropriate temperature and can realize a high accuracy of luminous intensity distribution.

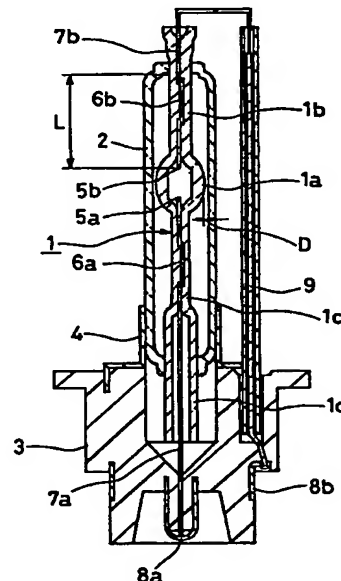


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 6)
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X	EP 0616358 A (OSRAM SYLVANIA INC.) 21 September 1994, page 3, lines 22-35.	1, 2, 6, 7, 10, 15, 16	
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
VIENNA		13-12-1999	SCHLECHTER
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO. EP 99110857.2**

This annex lists the patent family members relating to the patent documents cited in the above-mentioned search report.
The members are as contained in the EPIBOS (INPADOC) file on 16.12.1999.
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For more details about this annex see Official Journal of the European Patent Office, No. 12/82.